

STATEMENT OF ENERGY PERFORMANCE **Caywood Elementary**

Building ID: 1162857

For 12-month Period Ending: August 31, 20081 Date SEP becomes ineligible: December 29, 2008

Date SEP Generated: October 03, 2008

Facility

Caywood Elementary 3300 Turkeyfoot Road Crestview Hills KY 41017 **Facility Owner**

Kenton County School District 1055 Eaton Dr. Ft. Wright KY 41017 859-344-8888

Primary Contact for this Facility

Chris Baker 1055 Eaton Dr. Ft. Wright KY 41017 859-344-8888

chris.baker@kenton.kyschools.us

Year Built: 2005

Gross Building Area (ft2): 77,988

Energy Performance Rating² (1-100) 92

Facility Space Use Summary

Number of Students Number of PCs Cooling Percent Space Type Area(ft2) K-12 School 77,988 600 170 100 N/A N/A Parking 130,000 N/A

Site Energy Use Summary

Natural Gas (kBtu)3 218,294 2,738,274 Electricity (kBtu) Total Energy (kBtu) 2,956,568

Energy Intensity⁴

Site (kBtu/ft2/yr) 38 120 Source (kBtu/ft²/yr)

Emissions (based on site energy use)

658 CO2 (tons/yr)

National Average Comparison National Average Source EUI

National Average Site EUI 59 36% Below Average % Difference from Average K-12 School **Building Type**

39888330 8688889898 Professional Engineer Stamp

Based on the conditions observed at the time of my visit to this building, I certify that the information contained within this statement is accurate and in accordance with the PE Guidelines.

Indoor Environment Criteria5

Indoor air pollutants controlled? Yes Adequate ventilation provided? Yes Thermal conditions met? Yes Adequate illumination provided? Yes

Professional Engineer

License Number: 24533 State: KY Doug Hundley 10101 Linn Station Road Louisville KY 41017 502-326-3085

1. Application for the ENERGY STAR must be submitted to EPA within 4 months of the Period Ending date, Award of the ENERGY STAR is not final until

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2. The EPA Energy Performance Rating is based on total source energy. A rating of 75 is the minimum to be eligible for the ENERGY STAR. 3. Natural Gas values in units of volume (e.g. cubic feet) are converted to kBtu with adjustments made for elevation based on Facility zip code.

4. Values represent energy intensity, annualized to a 12-month period.
5. Based on meeting ASHRAE Standard 62-1999 for indoor air quality, ASHRAE Standard 55-1992 for thermal comfort, and IESNA Lighting Handbook for



The government estimates the average time needed to fill out this form is 6 hours (includes the time for entering energy data, PE facility inspection, and notarizing the SEP) and welcomes suggestions for reducing this level of effort. Send comments (referencing OMB control number) to the Director, Collection Strategies Division, U.S., EPA (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460.